



Heidelberg Materials UK
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 Maidenhead, Berkshire, SL6 8QZ
 Padeswood Works
 1333-CPR-00121



Cement Test Report

Heidelberg Materials
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Results of tests made at the laboratories of the company on samples of

Padeswood PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Padeswood during week ending

25-Feb-24 (Week No. 2024-8)

and during week ending

04-Feb-24 (Week No. 2024-5) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
19-Feb-24	440	165	1	29.5	48.0		0.04	0.65	0.06
20-Feb-24	420	170		30.0	50.0		0.04	0.64	0.06
22-Feb-24	405	170		29.5	48.0		0.04	0.64	0.06
23-Feb-24	415	165		29.0	47.5		0.04	0.64	0.07
Average	420	170	1	29.5	48.5		0.04		0.06
29-Jan-24	460	195	1	29.5	45.5	58.0	0.03	0.64	0.05
30-Jan-24	440	165	0	30.5	49.5	59.0	0.03	0.64	0.05
01-Feb-24	445	185	0	29.5	47.0	56.0	0.04	0.64	0.05
02-Feb-24	465	190	0	28.0	45.5	57.5	0.04	0.65	0.05
Average	455	185		29.5	47.0	57.5	0.04		0.05

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of

HEIDELBERG MATERIALS UK

Dr Nina Cardinal, Dipl.Ing., CEng, MICT

National Technical Manager

Heidelberg Materials UK

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